# BRUHAT BANGALORE MAHANAGARA PALIKE

## MEASURMENT SHEETS

**Name of the work : Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura.**

**Name of Agency** : Ramesh U

**JOB CODE:** 007-19-000018

**work order amount:** 9358674.83 (Excluding GST)

| Item name:-01 | | Removing and refixing stone slabs of drains and pointing in CM(1:3) | | | | | |
|---|---|---|---|---|---|---|---|
| SL No | Particulars | Unit | Nos | L | B | D | Qty |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Pampa extension | | | | | | |
| | 5th main road | Sqm | | | | | |
| | 0-30 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | 30-60 | 1*2 | 2 | 26.00 | 0.75 | | 39.00 |
| | 60-90 | 1*2 | 2 | 27.00 | 0.75 | | 40.50 |
| | 90-120 | 1*2 | 2 | 28.00 | 0.75 | | 42.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | 150-180 | 1*2 | 2 | 29.00 | 0.75 | | 43.50 |
| | 180-210 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | 210-240 | 1*2 | 2 | 22.00 | 0.75 | | 33.00 |
| | deduction- culvert length | | | | | | |
| | | | 2 | 25.00 | 1.50 | | 75.00 |
| | 4th main road | | | | | | |
| | 0-30 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | 30-60 | 1*2 | 2 | 26.00 | 0.75 | | 39.00 |
| | 60-90 | 1*2 | 2 | 27.00 | 0.75 | | 40.50 |
| | 90-120 | 1*2 | 2 | 28.00 | 0.75 | | 42.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | 150-180 | 1*2 | 2 | 29.00 | 0.75 | | 43.50 |
| | 180-210 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | 210-240 | 1*2 | 2 | 22.00 | 0.75 | | 33.00 |
| | deduction- culvert length | | | | | | |
| | | | 2 | 7.00 | 1.50 | | 21.00 |
| | 5th cross road | | | | | | |
| | 0-30 | 1*2 | 2 | 28.00 | 0.75 | | 42.00 |
| | 30-60 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | 60-90 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | 90-120 | 1*2 | 2 | 28.00 | 0.75 | | 42.00 |
| | 120-150 | 1*2 | 2 | 24.00 | 0.75 | | 36.00 |
| | 150-165 | 1*2 | 2 | 10.00 | 0.75 | | 15.00 |
| | deduction- culvert length | | | | | | |
| | | | 2 | 5.00 | 1.50 | | 15.00 |
| | | | | | | | 957 |

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

NDP
DE(WH)
1/7/2020

Assistant Engineer



Assistane Executive Engineer

Verified

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Amruthanagara C sector** | | | | | | |
| | **main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | 30-60 | 1*2 | 2 | 26.00 | 0.75 | | 39.00 |
| | 60-90 | 1*2 | 2 | 26.00 | 0.75 | | 39.00 |
| | 90-120 | 1*2 | 2 | 21.00 | 0.75 | | 31.50 |
| | 120-150 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | 150-165 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | **5th cross** | | | | | | |
| | 0-30 | 1*2 | 2 | 28.00 | 0.75 | | 42.00 |
| | 30-60 | 1*2 | 2 | 28.00 | 0.75 | | 42.00 |
| | 60-90 | 1*2 | 2 | 27.00 | 0.75 | | 40.50 |
| | 90-120 | 1*2 | 2 | 16.00 | 0.75 | | 24.00 |
| | 120-150 | 1*2 | 2 | 20.00 | 0.75 | | 30.00 |
| | **5th A cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | | | | | | 1380 | **1158.00** |
| | **BS Slab** | | | | | | |
| | **Pampa extension** | | | | | | |
| | **5th main road** | Sqm | | | | | |
| | 0-30 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 30-60 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 60-90 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 90-120 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 120-150 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 150-180 | 1*2 | 2 | 15.00 | 1.35 | | 40.50 |
| | 180-210 | 1*2 | 2 | 12.00 | 1.35 | | 32.40 |
| | 210-240 | 1*2 | 2 | 12.00 | 1.35 | | 32.40 |
| | **4th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 30-60 | 1*2 | 2 | 15.00 | 1.35 | | 40.50 |
| | 60-90 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 90-120 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 120-150 | 1*2 | 2 | 12.00 | 1.35 | | 32.40 |
| | 150-180 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 180-210 | 1*2 | 2 | 8.00 | 1.35 | | 21.60 |
| | 210-240 | 1*2 | 2 | 8.00 | 1.35 | | 21.60 |
| | **5th cross road** | | | | | | |
| | 0-30 | 1*2 | 2 | 12.00 | 1.35 | | 32.40 |
| | 30-60 | 1*2 | 2 | 12.00 | 1.35 | | 32.40 |
| | 60-90 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 90-120 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 120-150 | 1*2 | 2 | 8.00 | 1.35 | | 21.60 |
| | 150-165 | 1*2 | 2 | 8.00 | 1.35 | | 21.60 |
| | | | | | | | 734.40 |

423 NDD DE(Vig) 2/7/2020

734.40 NDD DE(Vig) 2/7/2020

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

Assistant Engineer



Assistane Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Amruthanagara C sector** | | | | | | |
| | **main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 8.00 | 1.35 | | 21.60 |
| | 30-60 | 1*2 | 2 | 12.00 | 1.35 | | 32.40 |
| | 60-90 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 90-120 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 120-150 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 150-165 | 1*2 | 2 | 12.00 | 1.35 | | 32.40 |
| | **5th cross** | | | | | | |
| | 0-30 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 30-60 | 1*2 | 2 | 15.00 | 1.35 | | 40.50 |
| | 60-90 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 90-120 | 1*2 | 2 | 12.00 | 1.35 | | 32.40 |
| | 120-150 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | **5th A cross** | | | | 1.35 | | |
| | 0-25 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | | | | | | cum | **1082.70** |
| | | | | | **Total Qty** | | **2240.70** |

348.30

NDR
DE(M)
2/7/2020

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Engineer



Verified

Assistane Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Item name:-02** | Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. | | | | | |
| | **Desilting of drains** | | | | | | |
| | **Pampa extension** | | | | | | |
| | **5th main road** | cum | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 150-180 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 180-210 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 210-240 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | **4th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 150-180 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 180-210 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 210-240 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | **culvert length** | | | | | | |
| | | | 2 | 7.00 | 0.90 | 0.80 | 10.08 |
| | **5th cross road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 150-165 | 1*2 | 2 | 15.00 | 0.50 | 0.50 | 7.50 |
| | **culvert length** | | | | | | |
| | | | 2 | 7.00 | 0.90 | 0.80 | 10.08 |
| | | | | | | | |
| | **Amruthanagara C sector** | | | | | | |
| | **main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 150-165 | 1*2 | 2 | 15.00 | 0.50 | 0.50 | 7.50 |

NDP (DELHI) 3/7/2020

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

25.16

Assistant Engineer



Assistane Executive Engineer

verified

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **5th cross** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.50 | 0.50 | 15.00 |
| | **5th A cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.50 | 0.50 | 12.50 |
| | **culverts** | | | | | | |
| | c-1 | | 1 | 6.00 | 1.50 | 0.90 | 8.10 |
| | c-2 | | 1 | 6.00 | 1.50 | 0.90 | 8.10 |
| | c-3 | | 1 | 6.00 | 1.50 | 0.90 | 8.10 |
| | c-4 | | 1 | 6.00 | 1.50 | 0.90 | 8.10 |
| | c-5 | | 1 | 6.00 | 1.50 | 0.90 | 8.10 |
| | c-6 | | 1 | 6.00 | 1.50 | 0.90 | 8.10 |
| | c-7 | | 1 | 6.00 | 1.50 | 0.90 | 8.10 |
| | c-8 | | 1 | 6.00 | 1.50 | 0.90 | 8.10 |
| | c-9 | | 1 | 6.00 | 1.50 | 0.90 | 8.10 |
| | c-10 | | 1 | 6.00 | 1.50 | 0.90 | 8.10 |
| | **For new drains** | | | | | | |
| | 5th B cross | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.60 | 0.60 | 18.00 |
| | 5th C cross | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.60 | 0.60 | 18.00 |
| | For RWH | | 35 | 0.20 | | 1.50 | 10.50 |
| | **OVER BURDEN EARTH** | | | | | | |
| | | | 1 | 15.00 | 0.90 | 1.50 | 20.25 |
| | | | 1 | 18.00 | 0.95 | 1.35 | 23.09 |
| | | | 1 | 20.00 | 0.65 | 1.40 | 18.20 |
| | | | 1 | 25.00 | 0.90 | 1.20 | 27.00 |
| | | | 1 | 20.00 | 0.65 | 1.20 | 15.60 |
| | | | 1 | 25.00 | 0.90 | 1.00 | 22.50 |
| | | | 1 | 20.00 | 0.65 | 1.20 | 15.60 |
| | | | 1 | 25.00 | 0.90 | 1.00 | 22.50 |
| | | | 1 | 20.00 | 0.65 | 1.20 | 15.60 |
| | | | 1 | 25.00 | 0.90 | 0.45 | 10.13 |
| | | | 1 | 30.00 | 0.85 | 1.20 | 30.60 |
| | | | 1 | 25.00 | 0.90 | 0.45 | 10.13 |
| | | | | Cum | **Total Qty** | | **871.35** |

Verified
Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

W&S.76
NDD
DE(W&T)
4/7/2020

Assistant Engineer



Verified
Assistane Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| Item name:-03 | Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification |
|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Slope correction of the drain bottom** | | | | | | | |
| **Pampa extension** | | cum | | | | | |
| **5th main road** | | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 150-180 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 180-210 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 210-240 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| **4th main road** | | | | | | | |
| | 30-60 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 180-210 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| **5th cross road** | | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| **Amruthanagara C sector** | | | | | | | |
| **main road** | | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| **5th cross** | | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | | | | | ST | | 64.80 |

NDP DE(WS) 11/8/2020

NDP DE(WS) 12/8/2020.

Assistant Executive Engineer
Kodigehalli Sub Divis.
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Engineer



Assistane Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Below solid blocks** | | | | | | |
| | **Pampa extension** | | | | | | |
| | **5th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 150-180 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 180-210 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 210-240 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | **4th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 150-180 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 180-210 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 210-240 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | **Deduct culvert length** | | | | | | |
| | | | 2 | 7.00 | 0.10 | 0.15 | 0.21 |
| | **5th cross road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 150-165 | 1*2 | 2 | 15.00 | 0.10 | 0.15 | 0.45 |
| | **Deduct culvert length** | | | | | | |
| | | | 2 | 7.00 | 0.10 | 0.15 | 0.21 |
| | | | | | | | |

NDP
DE(W)
17/8/2020

19.77

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

NDP
DE(W)
17/8/2020

Assistant Engineer



Assistane Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Amruthanagara C sector** | | | | | | |
| | **main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 150-165 | 1*2 | 2 | 15.00 | 0.10 | 0.15 | 0.45 |
| | **5th cross** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.10 | 0.15 | 0.90 |
| | **5th A cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.10 | 0.15 | 0.75 |
| | | | | | | | |
| | **For new drains** | | | | | | |
| | **5th B cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.10 | 0.15 | 0.75 |
| | **5th C cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.10 | 0.15 | 0.75 |
| | | | | | | ST 31.47 | **30.63** |
| | **Below kerb** | | | | | | |
| | **5th main road** | cum | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 150-180 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 180-210 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 210-240 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | **4th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 150-180 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 180-210 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 210-240 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | **deduct culvert length** | | | | | | |
| | | | 2 | 7.00 | 0.45 | 0.15 | 0.95 |

11.70

Assistant Executive E
Kodigehalli Sub Divisi
Yelahanka Zone, B.B.M.P.,
Bangalore

NDD AE(W&S) 17/8/2018

Assistant Engineer



Assistane Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palik
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **5th cross road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 150-165 | 1*2 | 2 | 15.00 | 0.45 | 0.15 | 2.03 |
| | **deduct culvert length** | | | | | | |
| | | | 2 | 7.00 | 0.45 | 0.15 | 0.95 |
| | | | | | | | |
| | **Amruthanagara C sector** | | | | | | |
| | **main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 150-165 | 1*2 | 2 | 15.00 | 0.45 | 0.15 | 2.03 |
| | **5th cross** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.45 | 0.15 | 4.05 |
| | **5th A cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.45 | 0.15 | 3.38 |
| | **culverts** | | | | | | |
| | c-1 | | 1 | 6.00 | 1.50 | 0.15 | 1.35 |
| | c-2 | | 1 | 6.00 | 1.50 | 0.15 | 1.35 |
| | c-3 | | 1 | 6.00 | 1.50 | 0.15 | 1.35 |
| | c-4 | | 1 | 6.00 | 1.50 | 0.15 | 1.35 |
| | c-5 | | 1 | 6.00 | 1.50 | 0.15 | 1.35 |
| | c-6 | | 1 | 6.00 | 1.50 | 0.15 | 1.35 |
| | c-7 | | 1 | 6.00 | 1.50 | 0.15 | 1.35 |
| | c-8 | | 1 | 6.00 | 1.50 | 0.15 | 1.35 |
| | c-9 | | 1 | 6.00 | 1.50 | 0.15 | 1.35 |
| | c-10 | | 1 | 6.00 | 1.50 | 0.15 | 1.35 |
| | **For new drain** | | | | | | |
| | **Amruthanagara C sector** | | | | | | |
| | 5th B cross | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.60 | 0.15 | 4.50 |
| | 5th C cross | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.60 | 0.15 | 4.50 |
| | | | | | **ST** | | **153.59** |

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

NOD
DE(W)
18/8/2020

A.N.D
Assistant Engineer



Assistane Executive Engineer

Assistant Executive Engine
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Gap filling b/n drain and kerb** | | | | | | |
| | **Pampa extension** | | | | | | |
| | **5th main road** | | | | | | |
| | 0-30 | 1*2 | 1 | 20.00 | 0.45 | 0.15 | 1.35 |
| | 90-120 | 1*2 | 1 | 15.00 | 0.60 | 0.15 | 1.35 |
| | 120-150 | 1*2 | 1 | 25.00 | 0.45 | 0.15 | 1.69 |
| | 180-210 | 1*2 | 1 | 25.00 | 0.30 | 0.15 | 1.13 |
| | **4th main road** | | | | | | |
| | 0-30 | 1*2 | 1 | 25.00 | 0.30 | 0.15 | 1.13 |
| | 90-120 | 1*2 | 1 | 25.00 | 0.30 | 0.15 | 1.13 |
| | 180-210 | 1*2 | 1 | 25.00 | 0.30 | 0.15 | 1.13 |
| | **5th cross road** | | | | | | |
| | 0-30 | 1*2 | 1 | 25.00 | 0.30 | 0.15 | 1.13 |
| | 90-120 | 1*2 | 1 | 25.00 | 0.30 | 0.15 | 1.13 |
| | 150-165 | 1*2 | 1 | 25.00 | 0.30 | 0.15 | 1.13 |
| | **Amruthanagara C sector** | | | | | | |
| | **main road** | | | | | | |
| | 0-30 | 1*2 | 1 | 25.00 | 0.45 | 0.15 | 1.69 |
| | 90-120 | 1*2 | 1 | 25.00 | 0.45 | 0.15 | 1.69 |
| | **5th cross** | | | | | | |
| | 0-30 | 1*2 | 1 | 25.00 | 0.30 | 0.15 | 1.13 |
| | 60-90 | 1*2 | 1 | 25.00 | 0.45 | 0.15 | 1.69 |
| | 90-120 | 1*2 | 1 | 25.00 | 0.30 | 0.15 | 1.13 |
| | 120-150 | 1*2 | 1 | 25.00 | 0.30 | 0.15 | 1.13 |

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, BBMP
Bangalore.

NDD
AE/EE
18/8/2020



Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Ramps for culverts** | | | | | | |
| | c-1 | | 2 | 6.00 | 0.45 | 0.15 | 0.81 |
| | c-2 | | 2 | 6.00 | 0.60 | 0.15 | 1.08 |
| | c-3 | | 2 | 6.00 | 0.45 | 0.15 | 0.81 |
| | c-4 | | 2 | 6.00 | 0.60 | 0.15 | 1.08 |
| | c-5 | | 2 | 6.00 | 0.45 | 0.15 | 0.81 |
| | c-6 | | 2 | 6.00 | 0.45 | 0.15 | 0.81 |
| | c-7 | | 2 | 6.00 | 0.60 | 0.15 | 1.08 |
| | c-8 | | 2 | 6.00 | 0.60 | 0.15 | 1.08 |
| | c-9 | | 2 | 6.00 | 0.60 | 0.15 | 1.08 |
| | c-10 | | 2 | 6.00 | 0.45 | 0.15 | 0.81 |
| | **For new drain** | | | | | | |
| | **Amruthanagara C sector** | | | | | | |
| | **5th B cross** | | | | | | |
| | 0-25 | 1*2 | 1 | 25.00 | 0.45 | 0.15 | 1.69 |
| | **5th C cross** | | | | | | |
| | 0-25 | 1*2 | 1 | 25.00 | 0.45 | 0.15 | 1.69 |
| | | | | | | | 33.53 |
| | | | | | **Total qty** | | **282.54** |
| | | | | | **Qty ltd** | | **282.42** |

Assistant Executive Engineer, Cum
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

NDD DE(HQ) 18/8/2020.

| | | |
|---|---|---|
| **Item name:-04** | Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.69 cum and fine aggragtes @ 0.459cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **culverts bottom** | cum | | | | | |
| | c-1 | | 1 | 6.00 | 0.60 | 0.10 | 0.36 |
| | c-2 | | 1 | 6.00 | 0.60 | 0.10 | 0.36 |
| | c-3 | | 1 | 6.00 | 0.60 | 0.10 | 0.36 |
| | c-4 | | 1 | 6.00 | 0.60 | 0.10 | 0.36 |
| | c-5 | | 1 | 6.00 | 0.60 | 0.10 | 0.36 |
| | c-6 | | 1 | 6.00 | 0.60 | 0.10 | 0.36 |
| | c-7 | | 1 | 6.00 | 0.60 | 0.10 | 0.36 |
| | c-8 | | 1 | 6.00 | 0.60 | 0.10 | 0.36 |
| | c-9 | | 1 | 6.00 | 0.60 | 0.10 | 0.36 |
| | c-10 | | 1 | 6.00 | 0.60 | 0.10 | 0.36 |
| | **coping** | | | | | | |
| | c-1 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-2 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-3 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-4 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-5 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-6 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-7 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-8 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-9 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-10 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |

10.80

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

A.M.N.D
Assistant Engineer



Assistane Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pali
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **ramps for culverts** | | | | | | |
| | c-1 | | 2 | 6.00 | 0.45 | 0.10 | 0.54 |
| | c-2 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-3 | | 2 | 6.00 | 0.45 | 0.10 | 0.54 |
| | c-4 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-5 | | 2 | 6.00 | 0.45 | 0.10 | 0.54 |
| | c-6 | | 2 | 6.00 | 0.45 | 0.10 | 0.54 |
| | c-7 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-8 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-9 | | 2 | 6.00 | 0.60 | 0.10 | 0.72 |
| | c-10 | | 2 | 6.00 | 0.45 | 0.10 | 0.54 |
| | | | | | **Total qty** | | 17.10 |
| | | | | (cum) | **ltd to** | | **12.60** |
| | **Item name:-05** | Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications. | | | | | |
| | c-1 | cum | 2 | 6.00 | 0.60 | 0.90 | 6.48 |
| | c-2 | | 2 | 6.00 | 0.60 | 0.90 | 6.48 |
| | c-3 | | 2 | 6.00 | 0.60 | 0.90 | 6.48 |
| | c-4 | | 2 | 6.00 | 0.60 | 0.90 | 6.48 |
| | c-5 | | 2 | 6.00 | 0.60 | 0.90 | 6.48 |
| | c-6 | | 2 | 6.00 | 0.60 | 0.90 | 6.48 |
| | c-7 | | 2 | 6.00 | 0.60 | 0.90 | 6.48 |
| | c-8 | | 2 | 6.00 | 0.60 | 0.90 | 6.48 |
| | c-9 | | 2 | 6.00 | 0.60 | 0.90 | 6.48 |
| | c-10 | | 2 | 6.00 | 0.60 | 0.90 | 6.48 |
| | | | | | | (cum) | 64.80 |
| | **Item name:-06** | Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4. | | | | | |
| | c-1 | sqm | 2 | 6.00 | | 0.90 | 10.80 |
| | c-2 | | 2 | 6.00 | | 0.90 | 10.80 |
| | c-3 | | 2 | 6.00 | | 0.90 | 10.80 |
| | c-4 | | 2 | 6.00 | | 0.90 | 10.80 |
| | c-5 | | 2 | 6.00 | | 0.90 | 10.80 |
| | c-6 | | 2 | 6.00 | | 0.90 | 10.80 |
| | c-7 | | 2 | 6.00 | | 0.90 | 10.80 |
| | c-8 | | 2 | 6.00 | | 0.90 | 10.80 |
| | c-9 | | 2 | 6.00 | | 0.90 | 10.80 |
| | c-10 | | 2 | 6.00 | | 0.90 | 10.80 |
| | | | | | | Sqm | **108.00** |

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

Verified

6.30 NDP AE(WS) 14/7/2020

NDP AE(WS) 14/7/2020

NDP AE(WS) 14/7/2020.



Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Item name:-07** | | Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification. | | | | | |
| | c-1 | sqm | 10 | 1.80 | 0.60 | | 10.80 |
| | c-2 | | 10 | 1.80 | 0.60 | | 10.80 |
| | c-3 | | 10 | 1.80 | 0.60 | | 10.80 |
| | c-4 | | 10 | 1.80 | 0.60 | | 10.80 |
| | c-5 | | 10 | 1.80 | 0.60 | | 10.80 |
| | c-6 | | 10 | 1.80 | 0.60 | | 10.80 |
| | c-7 | | 10 | 1.80 | 0.60 | | 10.80 |
| | c-8 | | 10 | 1.80 | 0.60 | | 10.80 |
| | c-9 | | 10 | 1.80 | 0.60 | | 10.80 |
| | c-10 | | 10 | 1.80 | 0.60 | | 10.80 |
| | Damaged slabs-PE | | | | | | |
| | | | 10 | 1.80 | 0.60 | | 10.80 |
| | | | 12 | 1.80 | 0.60 | | 12.96 |
| | | | 10 | 1.80 | 0.60 | | 10.80 |
| | | | 12 | 1.80 | 0.60 | | 12.96 |
| | | | 12 | 1.80 | 0.60 | | 12.96 |
| | | | 10 | 1.80 | 0.60 | | 10.80 |
| | | | | | | sqm | **179.28** |
| **Item name:-08** | | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.7.5 cm thick. | | | | | |
| | **Pampa extension** | sqm | | | | | |
| | **5th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 30-60 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 60-90 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 90-120 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 120-150 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 150-180 | 1*2 | 2 | 15.00 | 1.35 | | 40.50 |
| | 180-210 | 1*2 | 2 | 18.00 | 1.35 | | 48.60 |
| | 210-240 | 1*2 | 2 | 18.00 | 1.35 | | 48.60 |
| | **4th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 10.00 | 1.35 | | 27.00 |
| | 30-60 | 1*2 | 2 | 15.00 | 1.35 | | 40.50 |
| | 60-90 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 90-120 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 120-150 | 1*2 | 2 | 18.00 | 1.35 | | 48.60 |
| | 150-180 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 180-210 | 1*2 | 2 | 22.00 | 1.35 | | 59.40 |
| | 210-240 | 1*2 | 2 | 22.00 | 1.35 | | 59.40 |

Assistant Executive Engineer,
Kodigehalli Sub Divisio ,
Yelahanka Zone, B.B.M.P.
Bangalore.

N.D

Assistant Engineer



Assistane Executive Engineer

Assistant Executive Engine
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **5th cross road** | | | | | | |
| | 0-30 | 1*2 | 2 | 18.00 | 1.35 | | 48.60 |
| | 30-60 | 1*2 | 2 | 18.00 | 1.35 | | 48.60 |
| | 60-90 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 90-120 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 120-150 | 1*2 | 2 | 22.00 | 1.35 | | 59.40 |
| | 150-165 | 1*2 | 2 | 7.00 | 1.35 | | 18.90 |
| | | | | | | | |
| | **Amruthanagara C sector main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 22.00 | 1.35 | | 59.40 |
| | 30-60 | 1*2 | 2 | 18.00 | 1.35 | | 48.60 |
| | 60-90 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 90-120 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 120-150 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 150-165 | 1*2 | 2 | 3.00 | 1.35 | | 8.10 |
| | **5th cross** | | | | | | |
| | 0-30 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 30-60 | 1*2 | 2 | 15.00 | 1.35 | | 40.50 |
| | 60-90 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | 90-120 | 1*2 | 2 | 18.00 | 1.35 | | 48.60 |
| | 120-150 | 1*2 | 2 | 20.00 | 1.35 | | 54.00 |
| | **5th A cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 15.00 | 1.35 | | 40.50 |
| | | | | | | | |
| | **Amruthanagara C sector** | | | | | | |
| | **5th B cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 1.35 | | 67.50 |
| | **5th C cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 1.35 | | 67.50 |
| | | | | | | Total Qty | **1711.80** |
| | | | | Say | | Qty ltd to | **1218.24** |

NDD AE(NSK)

988.20

NDD AE(NSK) 14/8/2020

Assistant Executive Engineer
Kodigehalli Sub Divisi
Yelahanka Zone, B.B.M.P.,
Bangalore.



Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Item name:-09** | Providing and constructing load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work | | | | | |
| | **Pampa extension** | sqm | | | | | |
| | **5th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 150-180 | 2*2 | 2 | 30.00 | 0.20 | | 12.00 |
| | 180-210 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 210-240 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | **4th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 150-180 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 180-210 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 210-240 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | **Deduct culvert length** | | | | | | |
| | | 1*2 | 2 | 7.00 | 0.10 | | 1.40 |
| | **5th cross road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 150-165 | 1*2 | 2 | 15.00 | 0.10 | | 3.00 |
| | Deduct culvert length | | | | | | |
| | | 1*2 | 2 | 7.00 | 0.10 | | 1.40 |
| | | | | | | | |
| | **Amruthanagara C sector** | | | | | | |
| | **main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 150-165 | 1*2 | 2 | 15.00 | 0.10 | | 3.00 |

170.8

CAPEX 2011

Assistant Executive Engineer,
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Engineer



Assistane Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **5th cross** | | | | | | |
| | 0-30 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 30-60 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 60-90 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 90-120 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | 120-150 | 1*2 | 2 | 30.00 | 0.10 | | 6.00 |
| | **5th A cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.10 | | 5.00 |
| | | | | | | | |
| | **For new drains** | | | | | | |
| | **5th B cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.10 | | 5.00 |
| | **5th C cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.10 | | 5.00 |
| | | | | | | Sqm | **210.20** |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Item name:-10** | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete10cms thick | | | | | | |
| | For new drains covering slab | sqm | | | | | |
| | 5th B cross | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | 5th C cross | | | | | | |
| | 0-25 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | | | | | | | **75.00** |
| | Missing slab | | | | | | |
| | **Pampa extension** | | | | | | |
| | **5th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | 60-90 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | 180-210 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | **4th main road** | | | | | | |
| | 30-60 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | 120-150 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | 180-210 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | **5th cross road** | | | | | | |
| | 0-30 | 1*2 | 2 | 15.00 | 0.90 | | 27.00 |
| | 60-90 | 1*2 | 2 | 15.00 | 0.90 | | 27.00 |
| | 120-150 | 1*2 | 2 | 15.00 | 0.90 | | 27.00 |
| | **Amruthanagara C sector** | | | | | | |
| | **main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | 60-90 | 1*2 | 2 | 10.00 | 0.75 | | 15.00 |
| | 150-165 | 1*2 | 2 | 11.00 | 0.75 | | 16.50 |

Assistant Executive Engineer
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Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Engineer



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Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **5th cross** | | | | | | |
| | 30-60 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | 60-90 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | 120-150 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | **5th A cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | | | | | | | **360.00** |
| | | | | | Total | | 435.00 |
| | | | | Sqm | Qty ltd to | | **421.04** |

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NDP
DE(HQ)
02/11/2020

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Bangalore - 560 092

| | Item name:-11 | | Providing one line dressing to granite stone slabs/granite stone masonry as per specifications | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Pampa extension | | sqm | | | | | |
| | 5th main road | | | | | | | |
| | | 0-30 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 30-60 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 60-90 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 90-120 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 120-150 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 150-180 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 180-210 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 210-240 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | 4th main road | | | | | | | |
| | | 0-30 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 30-60 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 60-90 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 90-120 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 120-150 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 150-180 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 180-210 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 210-240 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | deduct culvert length | | | 12 | 1.80 | 0.60 | | 12.96 |
| | | | | | | | | |
| | 5th cross road | | | | | | | |
| | | 0-30 | 1*2 | 2 | 30.00 | 0.90 | | 54.00 |
| | | 30-60 | 1*2 | 2 | 30.00 | 0.90 | | 54.00 |
| | | 60-90 | 1*2 | 2 | 30.00 | 0.90 | | 54.00 |
| | | 90-120 | 1*2 | 2 | 30.00 | 0.90 | | 54.00 |
| | | 120-150 | 1*2 | 2 | 30.00 | 0.90 | | 54.00 |
| | | 150-165 | 1*2 | 2 | 15.00 | 0.90 | | 27.00 |
| | deduct culvert length | | | 12 | 1.80 | 0.60 | | 12.96 |
| | Amruthanagara C sector | | | | | | | |
| | main road | | | | | | | |
| | | 0-30 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 30-60 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 60-90 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 90-120 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 120-150 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 150-165 | 1*2 | 2 | 15.00 | 0.75 | | 22.50 |
| | 5th cross | | | | | | | |
| | | 0-30 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 30-60 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 60-90 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 90-120 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | | 120-150 | 1*2 | 2 | 30.00 | 0.75 | | 45.00 |
| | 5th A cross | | | | | | | |
| | | 0-25 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | For new drain | | | | | | | 0.00 |
| | 5th B cross | | | | | | | 0.00 |
| | | 0-25 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | 5th C cross | | | | | | | |
| | | 0-25 | 1*2 | 2 | 25.00 | 0.75 | | 37.50 |
| | | | | | | | Sqm | 1576.08 |

1622.92

Assistant Engineer

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Bangalore.



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Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Item name:-12** | Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete | | | | | |
| | **Pampa extension** | nos | | | | | |
| | **5th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 67.00 | | | 134.00 |
| | 30-60 | 1*2 | 2 | 68.00 | | | 136.00 |
| | 60-90 | 1*2 | 2 | 68.00 | | | 136.00 |
| | 90-120 | 1*2 | 2 | 68.00 | | | 136.00 |
| | 120-150 | 1*2 | 2 | 68.00 | | | 136.00 |
| | 150-180 | 1*2 | 2 | 68.00 | | | 136.00 |
| | 180-210 | 1*2 | 2 | 68.00 | | | 136.00 |
| | 210-240 | 1*2 | 2 | 70.00 | | | 140.00 |
| | **4th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 70.00 | | | 140.00 |
| | 30-60 | 1*2 | 2 | 70.00 | | | 140.00 |
| | 60-90 | 1*2 | 2 | 70.00 | | | 140.00 |
| | 90-120 | 1*2 | 2 | 68.00 | | | 136.00 |
| | 120-150 | 1*2 | 2 | 69.00 | | | 138.00 |
| | 150-180 | 1*2 | 2 | 70.00 | | | 140.00 |
| | 180-210 | 1*2 | 2 | 69.00 | | | 138.00 |
| | 210-240 | 1*2 | 2 | 65.00 | | | 130.00 |
| | **deduct culvert length** | | | 28.00 | | | 28.00 |
| | | | | | | | |
| | **5th cross road** | | | | | | |
| | 0-30 | 1*2 | 2 | 69.00 | | | 138.00 |
| | 30-60 | 1*2 | 2 | 70.00 | | | 140.00 |
| | 60-90 | 1*2 | 2 | 71.00 | | | 142.00 |
| | 90-120 | 1*2 | 2 | 72.00 | | | 144.00 |
| | 120-150 | 1*2 | 2 | 69.00 | | | 138.00 |
| | 150-165 | 1*2 | 2 | 35.00 | | | 70.00 |
| | **deduct culvert length** | | | 31.00 | | | 31.00 |
| | **Amruthanagara C sector** | | | | | | |
| | **main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 69.00 | | | 138.00 |
| | 30-60 | 1*2 | 2 | 70.00 | | | 140.00 |
| | 60-90 | 1*2 | 2 | 69.00 | | | 138.00 |
| | 90-120 | 1*2 | 2 | 66.67 | | | 133.00 |
| | 120-150 | 1*2 | 2 | 68.00 | | | 136.00 |
| | 150-165 | 1*2 | 2 | 35.00 | | | 70.00 |
| | **5th cross** | | | | | | |
| | 0-30 | 1*2 | 2 | 67.00 | | | 134.00 |
| | 30-60 | 1*2 | 2 | 69.00 | | | 138.00 |
| | 60-90 | 1*2 | 2 | 68.00 | | | 136.00 |
| | 90-120 | 1*2 | 2 | 68.00 | | | 136.00 |
| | 120-150 | 1*2 | 2 | 66.67 | | | 133.00 |
| | **5th A cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 57.00 | | | 114.00 |
| | **For new drain** | | | | | | |
| | **5th B cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 55.56 | | | 112.00 |
| | **5th C cross** | | | | | | |
| | 0-25 | 1*2 | 2 | 55.56 | | | 111.00 |
| | | | | | | Nos | 4674.00 |

Assistant Engineer

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Bangalore.



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Bruhat Bangalore Mahanagara Pali
Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Item name:-13** | | :Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications | | | | | |
| | **Pampa extension** | sqm | | | | | |
| | **5th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 67.00 | | 0.45 | 60.30 |
| | 30-60 | 1*2 | 2 | 68.00 | | 0.45 | 61.20 |
| | 60-90 | 1*2 | 2 | 68.00 | | 0.45 | 61.20 |
| | 90-120 | 1*2 | 2 | 68.00 | | 0.45 | 61.20 |
| | 120-150 | 1*2 | 2 | 68.00 | | 0.45 | 61.20 |
| | 150-180 | 1*2 | 2 | 68.00 | | 0.45 | 61.20 |
| | 180-210 | 1*2 | 2 | 68.00 | | 0.45 | 61.20 |
| | 210-240 | 1*2 | 2 | 70.00 | | 0.45 | 63.00 |
| | **4th main road** | | | | | | |
| | 0-30 | 1*2 | 2 | 70.00 | | 0.45 | 63.00 |
| | 30-60 | 1*2 | 2 | 70.00 | | 0.45 | 63.00 |
| | 60-90 | 1*2 | 2 | 70.00 | | 0.45 | 63.00 |
| | 90-120 | 1*2 | 2 | 68.00 | | 0.45 | 61.20 |
| | 120-150 | 1*2 | 2 | 69.00 | | 0.45 | 62.10 |
| | 150-180 | 1*2 | 2 | 70.00 | | 0.45 | 63.00 |
| | 180-210 | 1*2 | 2 | 69.00 | | 0.45 | 62.10 |
| | 210-240 | 1*2 | 2 | 65.00 | | 0.45 | 58.50 |
| | **deduct culvert length** | | | 28.00 | | 0.45 | 12.60 |
| | | | | | | | |

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone
Bangalore

Assistant Engineer



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Bangalore - 560 092

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 5th cross road | | | | | | |
| | 0-30 | 1*2 | 2 | 69.00 | | 0.45 | 62.10 |
| | 30-60 | 1*2 | 2 | 70.00 | | 0.45 | 63.00 |
| | 60-90 | 1*2 | 2 | 71.00 | | 0.45 | 63.90 |
| | 90-120 | 1*2 | 2 | 72.00 | | 0.45 | 64.80 |
| | 120-150 | 1*2 | 2 | 69.00 | | 0.45 | 62.10 |
| | 150-165 | 1*2 | 2 | 35.00 | | 0.45 | 31.50 |
| | deduct culvert length | | | 31.00 | | 0.45 | 13.95 |
| | Amruthanagara C sector | | | | | | |
| | main road | | | | | | |
| | 0-30 | 1*2 | 2 | 69.00 | | 0.45 | 62.10 |
| | 30-60 | 1*2 | 2 | 70.00 | | 0.45 | 63.00 |
| | 60-90 | 1*2 | 2 | 69.00 | | 0.45 | 62.10 |
| | 90-120 | 1*2 | 2 | 66.67 | | 0.45 | 60.00 |
| | 120-150 | 1*2 | 2 | 68.00 | | 0.45 | 61.20 |
| | 150-165 | 1*2 | 2 | 35.00 | | 0.45 | 31.50 |
| | 5th cross | | | | | | |
| | 0-30 | 1*2 | 2 | 67.00 | | 0.45 | 60.30 |
| | 30-60 | 1*2 | 2 | 69.00 | | 0.45 | 62.10 |
| | 60-90 | 1*2 | 2 | 68.00 | | 0.45 | 61.20 |
| | 90-120 | 1*2 | 2 | 68.00 | | 0.45 | 61.20 |
| | 120-150 | 1*2 | 2 | 66.67 | | 0.45 | 60.00 |
| | 5th A cross | | | | | | |
| | 0-25 | 1*2 | 2 | 57.00 | | 0.45 | 51.30 |
| | For new drain | | | | | | |
| | 5th B cross | | | | | | |
| | 0-25 | 1*2 | 2 | 55.56 | | 0.45 | 50.00 |
| | 5th C cross | | | | | | |
| | 0-25 | 1*2 | 2 | 55.56 | | 0.45 | 50.00 |
| | | | | | | | 2103.25 |
| | **Item name:-14** | Providing and fixing MS Grating 260x260 mm | | | | | |
| | Pampa extension | nos | | | | | |
| | 5th main road | | 100 | | | | 100.00 |
| | 4th main road | | 95 | | | | 95.00 |
| | 5th cross road | | 60 | | | | 60.00 |
| | Amruthanagara C sector | | | | | | 0.00 |
| | main road | | | | | | 0.00 |
| | 5th cross | | 60 | | | | 60.00 |
| | 5th A cross | | 20 | | | | 20.00 |
| | 5th B cross | | 20 | | | | 20.00 |
| | 5th C cross | | 20 | | | | 20.00 |
| | | | | | | Sqm | 375.00 |

NDP
AE(WS)
02/11/2020

NDP
AE(WS)
02/11/2020

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Engineer



Assistane Executive Engineer

Assistant Executive Engi
Kodigehalli Sub Divisio
Bruhat Bangalore Mahanagara
Bangalore - 560 092

| | | | | | | |
|---|---|---|---|---|---|---|
| **Item name:-15** | Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification | | | | | |
| | cum | | | Qty vide item no.02 | | 871.35 |
| **Item name:-16** | Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH | | | | | |
| | 35 | 1.2 | | | | 42.00 |
| | m | | | Total Qty | | **42.00** |
| **Item name:-17** | Providing 100mm and down size nominal size | | | | | |
| | 35 | 0.20 | | | 0.45 | 3.15 |
| | cum | | | Total Qty | | 3.15 |
| **Item name:-18** | Providing 40mm and down size nominal size | | | | | |
| | 35 | 0.20 | | | 0.2 | 1.4 |
| | cum | | | Total Qty | | 1.4 |
| **Item name:-19** | Providing 20mm and down size nominal size | | | | | |
| | 35 | 0.20 | | | 0.22 | 1.54 |
| | cum | | | Total Qty | | 1.54 |
| **Item name:-20** | Providing Fine aggrgate 2.36mm nominal size | | | | | |
| | 35 | 0.20 | | | 0.15 | 1.05 |
| | cum | | | Total Qty | | 1.05 |
| **Item name:-21** | Providing and fixing MS Grating 260x260 mm | | | | | |
| | | | | | | 25 |
| | nos | | | Total Qty | | 25 |

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Assistant Engineer



Assistane Executive Engineer

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Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

| BRUHAT BANGALORE MAHANAGARA PALIKE | | | | | |
|---|---|---|---|---|---|
| KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA | | | | | |
| **Name of work** | | **Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura.** | | | |
| **First and final bill** | | **Work order amt: 9358674.83(Excluding GST)** | | | |
| **Job code** | | **007-19-000018** | | | |
| **P-code** | | **P3442** | | | |
| **Agency** | | **Sri. Ramesh U** | | | |
| **Sl NO** | **Description** | **unit** | **Qty** | **RATE** | **AMOUNT** |
| 1 | Removing and refixing stone slabs of drains and pointing in CM(1:3) | | | | |
| | Name of work | Sqm | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 2240.70 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 2240.70 | | |
| | BOQ Qty | | 2241.71 | | |
| | Now To Be Paid Qty | | **2240.70** | **116.83** | **261780.98** |
| 2 | Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. | | | | |
| | Name of work | cum | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 871.35 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 871.35 | | |
| | BOQ Qty | | 872.90 | | |
| | Now To Be Paid Qty | | **871.35** | **144.65** | **126040.05** |
| 3 | Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification | | | | |
| | Name of work | cum | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 282.42 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 282.42 | | |
| | BOQ Qty | | 282.42 | | |
| | Now To Be Paid Qty | | **282.42** | **5691.37** | **1607356.72** |

Assistant Engineer



Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Abstract

| | | | | | |
|---|---|---|---|---|---|
| 4 | Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.69 cum and fine aggragtes @ 0.459cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications | | | | |
| | Name of work | cum | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 12.60 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 12.60 | | |
| | BOQ Qty | | 12.60 | | |
| | Now To Be Paid Qty | | **12.60** | **5404.30** | **68094.18** |
| 5 | Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications. | | | | |
| | Name of work | cum | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 64.80 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 64.80 | | |
| | BOQ Qty | | 64.80 | | |
| | Now To Be Paid Qty | | **64.80** | **5113.89** | **331380.07** |
| 6 | Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4. | | | | |
| | Name of work | sqm | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 108.00 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 108.00 | | |
| | BOQ Qty | | 108.00 | | |
| | Now To Be Paid Qty | | **108.00** | **155.78** | **16824.24** |

Assistant Engineer



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Bangalore - 560 092

| | | | | | |
|---|---|---|---|---|---|
| 7 | Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification | | | | |
| | Name of work | sqm | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 179.28 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 179.28 | | |
| | BOQ Qty | | 180.00 | | |
| | Now To Be Paid Qty | | **179.28** | **5687.27** | **1019613.77** |
| 8 | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.7.5 cm thick. | | | | |
| | Name of work | sqm | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 1218.24 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 1218.24 | | |
| | BOQ Qty | | 1218.24 | | |
| | Now To Be Paid Qty | | **1218.24** | **778.88** | **948862.77** |
| 9 | Providing and constructing load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work | | | | |
| | Name of work | sqm | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 210.20 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 210.20 | | |
| | BOQ Qty | | 210.60 | | |
| | Now To Be Paid Qty | | **210.20** | **902.39** | **189682.38** |

Assistant Engineer



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Assistant Executive Engineer
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Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

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|---|---|---|---|---|---|
| **10** | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete10cms thick | | | | |
| | Name of work | sqm | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 421.04 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 421.04 | | |
| | BOQ Qty | | 421.04 | | |
| | Now To Be Paid Qty | | **421.04** | **1014.77** | **427258.76** |
| **11** | Providing one line dressing to granite stone slabs/granite stone masonry as per specifications | | | | |
| | Name of work | sqm | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 1576.08 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 1576.08 | | |
| | BOQ Qty | | 1579.50 | | |
| | Now To Be Paid Qty | | **1576.08** | **998.08** | **1573053.93** |
| **12** | Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete | | | | |
| | Name of work | nos | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 4674.00 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 4674.00 | | |
| | BOQ Qty | | 4680.00 | | |
| | Now To Be Paid Qty | | **4674.00** | **490.69** | **2293485.06** |
| **13** | Providing and applying ready mix priming coat over oncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications | | | | |
| | Name of work | sqm | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 2103.25 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 2103.25 | | |
| | BOQ Qty | | 2106.00 | | |
| | Now To Be Paid Qty | | **2103.25** | **41.17** | **86590.80** |

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|---|---|---|---|---|---|
| 14 | Providing and fixing MS Grating 260x260 mm | | | | |
| | Name of work | nos | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 375.00 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 375.00 | | |
| | BOQ Qty | | 410.00 | | |
| | Now To Be Paid Qty | | **375.00** | **88.96** | **33360.00** |
| 15 | Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification | | | | |
| | Name of work | nos | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 871.35 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 871.35 | | |
| | BOQ Qty | | 872.90 | | |
| | Now To Be Paid Qty | | **871.35** | **99.03** | **86289.30** |
| 16 | Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH Specification No. 2900 B. 1200 mm dia | | | | |
| | Name of work | nos | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 42.00 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 42.00 | | |
| | BOQ Qty | | 42.00 | | |
| | Now To Be Paid Qty | | **42.00** | **6273.30** | **263478.60** |
| 17 | Providing 100mm and down size nominal size | | | | |
| | Name of work | cum | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 3.15 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 3.15 | | |
| | BOQ Qty | | 3.56 | | |
| | Now To Be Paid Qty | | **3.15** | **1036.70** | **3265.61** |

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| 18 | Providing 40mm and down size nominal size | | | | |
| | Name of work | cum | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 1.40 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 1.40 | | |
| | BOQ Qty | | 1.58 | | |
| | Now To Be Paid Qty | | **1.40** | **1145.67** | **1603.94** |
| 19 | Providing 20mm and down size nominal size | | | | |
| | Name of work | cum | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 1.54 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 1.54 | | |
| | BOQ Qty | | 1.58 | | |
| | Now To Be Paid Qty | | **1.54** | **1145.67** | **1764.33** |
| 20 | Providing Fine aggrgate 2.36mm nominal size | | | | |
| | Name of work | cum | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 1.05 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 1.05 | | |
| | BOQ Qty | | 1.19 | | |
| | Now To Be Paid Qty | | **1.05** | **1106.69** | **1162.02** |
| 21 | Providing and fixing MS Grating 260x260 mm | | | | |
| | Name of work | nos | | | |
| | Improvements to drains of 4th main road of pampa extension to 5th main road of pampa extension in ward no.07 byatarayanapura. | | | | |
| | Present Qty | | 25.00 | | |
| | Previous Qty | | 0.00 | | |
| | Total Qty | | 25.00 | | |
| | BOQ Qty | | 25.00 | | |
| | Now To Be Paid Qty | | **25.00** | **94.31** | **2357.75** |
| | | | **TOTAL** | | **9343305.25** |

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